

FACEPLATE WITH INTEGRATED LIGHT-PIPE

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ABSTRACT

5 A faceplate (indicating operation status of an apparatus) includes a bezel and a light-pipe, which are integrated into a piece. The faceplate can be injection-molded with an optically clear plastic. The light-pipe includes a lens and a light guide. The lens focuses light
10 from a light source toward the light guide and is shaped so as to focus and collect the light within a boundary of the light guide. The surface of the light guide includes a number of mini refracting lenses to promote illumination of the light. Alternatively, an ink can be applied on the
15 surface of the light guide to promote the illumination of the light. Further, a diffusing lens can be formed on the surface of the light guide to promote illumination of the light. The faceplate can include multiple light-pipes.